APPENDIX

Below are marked-up copies of the amended paragraphs.

The creation of Item Specifications for use in an Intelligent Business Management System described in co-pending [application serial no. _____ entitled (TRIRG 1000)] United States Patent Application Serial No. 10/020,552 entitled BUSINESS ASSET MANAGEMENT SYSTEM (TRIRG-01000US0) by Cherisse M. Nicastro, Thomas A. Wucherer, W. Todd Nisbet, Anthony A. Marnell II, Anthony A. Marnell III, and Herman Spencer, Jr. (hereby fully incorporated by reference herein). Specifications are used throughout the life of a project from design, through procurement, execution, and asset tracking. Almost all users of the system shown in the co-pending application will have access to Specifications in some capacity. CAD users can associate Specifications to drawing objects; a purchasing agent scan access the uploaded counts from CAD to determine how many are required and the Project Manager can monitor progress and the budget.

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The system described in co-pending [U.S.] United States Patent Application Serial No. [_____] 10/020,552 is a design build and management system which incorporates asset data into specifications for use in its system. It includes two data input means: one defined in co-pending [U.S.] United States Patent Application Serial No. [_____,] 10/021,661 entitled ["Intelligent CAD Objects Technology" (TRIRG8051)] INTELLIGENT OBJECT BUILDER (TRIRG-08851US0) by Thomas A. Wucherer, W. Todd Nisbet, Anthony A. Marnell II, and Anthony A. Marnell III (hereby fully incorporated by reference herein) and the Item Specification Tool set described herein.

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Figure 4 is an overview of the system described in co-pending United States Patent A[a]pplication Serial No. 10/020,552 [(TRIRG-01000US0)] in which the tool set of the present invention may be used. It should be understood, however, that the tool set

presented herein has applications outside that of its use in building electronic specifications for use with collaborative tools and in electronic commerce transactions.

In general, data is created in the database by the design toolset applications. Data is stored in the system in the form of "intelligent objects". When actions (budgeting, purchasing, delivering, maintenance scheduling) occur to that object, by any system user, the "intelligence" of the object is updated with this information. An example of the data which may be used in the system of the present invention is set forth in co-pending United States Patent Application Serial No. 10/021,661 [_____ filed _____ entitled INTELLIGENT OBJECT BUILDER (TRIG8851) by Thomas A. Wucherer, M. Cherisse Nicastro, Anthony A. Marnell II and Anthony A. Marnell III (hereby fully incorporated by reference herein)].

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Throughout the system as described in [U.S.] United States Patent Application Serial No. __[_____ (TRIRG-01000US)] 10/020,552, permissions are granted to all users based on their required duties. To work with Specs, several different permissions can be granted. Permissions include the ability to create, publish, revise, list, etc.

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Figure 6 shows a simplified representation of the life of an item specification. In general an item type is created, a Specification is then created from the item type, the Specification is published and the Specification can be procured. Additional detail on the use of specifications can be found in co-pending [patent application serial no ____ (TRIRG-01000US0)] United States Patent Application Serial No. 10/020,552.

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Additional Data Attributes linking the attributes to the system database discussed in co-pending [application serial no___ (TRIRG-01000US0)] United States Patent Application Serial No. 10/020,552, if required, may also be provided. In one embodiment, a Type Field option allows one to link the attributes to the database if required. These choices will populate the attribute with "sub-attributes". Examples of such attributes are: Vendor which allows one to search through a company's vendor list to select a company on record having sub-attributes such as address, city, state, zip, etc.[.]

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At the preferences step 908, the user is prompted to enter additional information characterizing how the Type will be used in the system of co-pending [application (TRIRG-01000US0)] United States Patent Application Serial No. 10/020,552. An exemplary preferences page is shown at Figure 15, showing the preferences that may be set by a user. The CAD Intelligence Mark Definition field allows one to select from a list of mark definitions that have been uploaded from the CAD Intelligence plug-in, described as an Intelligent Object Builder in co-pending [application serial no _____ (TRIRG8051)] United States Patent Application Serial No. 10/021,661 to associate to this item type. If there are no mark definitions in the system this field displays "None" as the only option.

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The Item Specification Wizard allows one to define specific attributes and associate available components relating to the item specification. Components link item(s) required for the assembly or completion of a particular item specification. This tool also enables one to provide a vendor with written notes about the item specification, such as delivery requirements, special instructions, vendor terms or any other information that needs to be communicated to the vendor. This feature also enables one to preview the item specification information and prepare a report for printing. This Item Specification Wizard also provides the ability to calculate the total estimated cost, including component items, automatically. Costs are used for budgeting, bidding, and purchasing items. A history of the item specification is tracked to allow users the capability to view the historical status and

specification changes for the item specification and its components over time, or view previous versions of the item specification. Any information that was defined for this item Specification using the CAD Intelligence plug-in Interface [(]described in co-pending [application serial no. [TRIRG-08051]] United States Patent Application Serial No. 10/021,661 or the Item Specification Tool displays in the Item Specification Wizard.

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Publishing an item spec allows the item spec to be quoted, qualified, bid and purchased in the system of co-pending [application serial no ___ (TRIRG-01000US0)] United States Patent Application Serial No. 10/020,552. A flowchart of the publishing process is shown in Figure 20. In publishing a specification or group of specifications, as shown in Figure 20, a user will first enter the general characteristics of the publication, which may include entering the number, the title, a description, a sort order, whether any revisions are to be included, and other special characteristics of item specifications to be published. Next, at 2020, the user must select the item specifications to be published. The user may publish the specifications at this point at 2050, or may optionally provide a routing selection for those users in the approval path of the specifications at 2030, and my further optionally send copies to project partners as 2040.